



## Week 7: Dreams Beyond Earth Booklist

This week we are reading about dreams beyond earth including space exploration, the universe, galaxies, astronauts and NASA missions and legends about the moon and the stars. For thousands of years, humans have wondered and dreamed about the night sky. With new technology and space exploration tools, we can learn more about space and dream of all the things beyond earth.

The following list is divided by grade level and it includes Braille, Large Print, and Digital Books. Many of the books for older readers cross grade levels (example: "For junior and high school readers"), so be sure to look for those crossover books on both "Grades 4-8" and "Grades 9-12" lists.

Some of the Digital Books are only available via download through the BARD download system (<http://nlsbard.loc.gov/>). You may request any of these titles by contacting WTBBL at 206-615-0400 or 1-800-242-0866. If there is a "Dreams Beyond Earth" topic that you would like to read more about or one that is not included in the Booklist, please contact Mandy Gonnsen, Services Librarian at 206-615-0400 or at [mandy.gonnsen@sos.wa.gov](mailto:mandy.gonnsen@sos.wa.gov)

### ***Grades PreK – 3***

**BR 08981** Thirteen Moons On Turtle's Back by Joseph Bruchac

Many Native American people relate the seasons of the year to the thirteen cycles of the moon. Some regard a turtle's back, with the pattern of thirteen large scales, as a sort of calendar. This book includes thirteen moon legends in poetry from thirteen different Native American tribes. Print/Braille. For grades 2-4 and older readers. 1992.

**BR 18029** Astronaut Handbook by Meghan McCarthy

Prepares would-be astronauts by explaining what's expected of the scientists, pilots, and engineers who travel into space. Discusses the mental and physical preparations and describes how astronauts eat, use the toilet, and bathe without gravity. Print/Braille. For grades K-3. 2008.

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**BR 17336** Galaxies, Galaxies! by Gail Gibbons

A brief history of the many galaxies in the universe and the telescopes that made their discoveries possible. Discusses stars, solar systems, light years, and galaxies of various shapes. Print/Braille. For grades 2-4. 2007.

**DB 52334** The International Space Station by Franklyn Mansfield Branley

Explains how the International Space Station is being built and how it functions. Discusses how astronauts live and work on the station and what research they do to learn more about outer space. Includes a crystal-growing experiment. Digital download only. For grades 2-4. 2000.

**BR 14195; DB 53555**

Midnight on the Moon: #8, Magic Tree House Series by Mary Pope Osborne  
Annie and Jack travel to the future to visit a moon base where they figure out the fourth and final special thing needed to free Morgan le Fay from the magician's spell. Print/Braille. Digital download only. For grades 2-4. 1996.

**BR 17877; DB 66871** Pluto from Planet to Dwarf by Elaine Landau

Discusses astronomers' decision in August 2006 that Pluto is not a planet but belongs in a group called dwarf planets. Covers the discovery of Pluto and details its composition, orbit, and moon. Explains the change in Pluto's designation. Print/Braille. Digital download only. For grades 2-4. 2008.

**DB 60126** What the Moon Is Like by Franklyn Mansfield Branley

Describes Earth's moon. Discusses the astronauts who have been to the moon's surface and what they found when they walked there. Includes learning activities. Digital download only. For grades K-3. 1986.

**LP 14090** The Gemini Spacewalkers: Giant Leaps by Stuart A. Kallen

Discusses project Gemini's two unmanned and ten manned missions; spacewalking, the spacewalkers, and their Soviet counterparts; and moving on to Project Apollo and the Moon. Large prints and color photos. For grades 2-4. 1996.

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**LP 23712** Our Stars by Anne Rockwell

Large colorful drawings and simple text introduce stars, some constellations, the solar system, the moon, comets, and meteors. Large Print. For grades K-3. 1999.

**LP 22604** Sometimes Moon by Carole Lexa Schaefer

Some nights with a full moon, Selene's family rows across the water for a night picnic. Selene describes characteristics of her family members and imagines similar ones for the moon. Included in smaller print is a page of more information about the waxing and waning moon. Large Print. Preschool- grade 2. 1996.

### ***Grades 4 – 8***

**BR 17021** Touch the Universe: A NASA Braille Book by Noreen Grice

Highlights the journey of the Hubble Space Telescope and combines photographs taken by the telescope in outer space with embossed shapes that represent astronomical objects such as planets, nebulae, and stars. Print/Braille. For grades 4-7 and older readers. 2002.

**BR 17087** Kids to Space: A Space Traveler's Guide by Lonnie Jones Schorer

Students aged three to eighteen ask questions about planning a trip to the moon or a future orbiting hotel. More than eighty experts provide the answers on traveling and living in outer space. Covers astronauts, space exploration, and going into space with disabilities. Braille. For grades 5-8 and older readers. 2006.

**BR 17285** Larklight; or, The Revenge of the White Spiders! or, To Saturn's Rings and Back! A Rousing Tale of Dauntless Pluck in the Farthest Reaches of Space [#1, Larklight Series] by Philip Reeve

In an alternate Victorian England, young Arthur Mumby and his sister Myrtle, residents of Larklight, live in a floating house in one of Her Majesty's outer space territories and uncover a spidery plot to destroy the solar system. Braille. For grades 6-9. 2006.

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**BR 18011** Touch the Invisible Sky: A Multi-Wavelength Braille Book Featuring Tactile NASA Images by Noreen Grice

Discusses the Sun, the star Eta Carinae, the Crab nebula, the Kepler Supernova remnant, and the Whirlpool and Antennae galaxies. Describes the Chandra X-ray telescope and the Spitzer and Hubble space telescopes, which captured images of these celestial objects. Includes tactile photographs. Print/Braille. For grades 4-7 and older readers. 2007.

**BR 13276; DB 44343; LP 19089** The Golden Compass: #1, His Dark Materials by Philip Pullman

Young Lyra Belacqua and her daemon enjoy an idyllic life among the scholars at Jordan College in this tale set in Victorian England on an alternate Earth. But mysterious abductions begin occurring in surrounding towns until finally her friend Roger is abducted by the Gobblers. Venturing north in pursuit, Lyra uncovers tangled revelations about her family and discovers the truth behind the mysteries of the aurora borealis (the Northern Lights). Braille. Digital download only. Large Print. For grades 5-9. 1996.

**BR 12144** Project Mercury by Diane M. Sipiera

A brief history of space travel, including the six missions of Project Mercury that led to the walk on the Moon. Lists the astronauts who participated and the problems they encountered. Braille. For grades 3-6. 1997.

**BR 12142** Project Apollo by Diane M. Sipiera

Describes the eighteen missions of Project Apollo, including the tragedy that took the lives of three astronauts as well as the successes of landing on the Moon and linking up with Soviet cosmonauts in space. Braille. For grades 3-6. 1997.

**BR 07320** Christa McAuliffe: Pioneer Space Teacher by Charlene W. Billings  
Christa McAuliffe, a high school social studies teacher from Concord, New Hampshire, was chosen in 1985 to be the first private citizen to go into space. She wanted to encourage schoolchildren to take more interest in the space program, and she wanted to increase respect for all teachers. Tragically, she

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and her fellow astronauts were killed when the space shuttle "Challenger" blew up on January 28, 1986. Braille. For grades 3-6. 1986.

**BR 17592** Apollo 11: First Men on the Moon by Robert Godwin

Provides a concise history of humankind's exploration of the Moon--from Greek astronomy to manned space flight. Profiles the three astronauts who traveled aboard Apollo 11 and chronicles their 1969 mission. Describes the scientific experiments conducted by the crew and their equipment. Braille. For grades 6-9. 2005.

**DB 38044** Neptune : Voyager's Final Target by Franklyn Mansfield Branley

On August 24, 1989, after a twelve-year, four-billion-mile journey, the space probe Voyager 2 made a flyby of Neptune and its moons. The author describes the activities leading up to that historic encounter and the wealth of new information gained. He also describes Neptune's orbit, atmosphere, rings, and geology. Digital download only. For grades 3-6 and older readers. 1992.

**DB 38324** Galileo by Leonard Everett Fisher

Galileo Galilei (1564-1642), often called the "father of modern science," was a mathematician, physicist, and astronomer. He discovered the law of the pendulum, built the first thermoscope to measure heat, and, perhaps most importantly, proved Copernicus's theory that the sun is the center of the universe. For the latter, Galileo, a devout Catholic, was ordered by the Roman Catholic Church to appear before the Inquisition. Digital download only. For grades 3-6. 1992.

**DB 57463** Space Flight: Crossing the Last Frontier by Jason Richie

Profiles seven engineers and scientists who made space flight possible. In describing important projects, the author includes Robert Goddard and the liquid-fuel rocket, William Pickering and planetary probes, and Wernher von Braun and the moon program. Digital download only. For grades 5-8. 2002.

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**DB 59121** The Man Who Went to the Far Side of the Moon: The Story of Apollo 11 Astronaut Michael Collins by Bea Uusma Schyffert

Chronicles what Apollo 11 astronaut Michael Collins did, saw, and thought during America's first lunar-landing mission in 1969. Relates how teammates Neil Armstrong and Buzz Aldrin landed the lunar module and took mankind's first steps on the moon, while Collins piloted Columbia solo fourteen times around the moon. Digital download only. For grades 4-7. 2003.

**DB 64321** Scholastic Atlas of Space from Scholastic Reference

Provides an overview of facts about the universe. Covers galaxies, the Milky Way, the sun and moon, stars, planets, asteroids, comets, meteors, and space exploration. Includes three activities and a glossary. Digital download only. For grades 3-6. 2004.

**DB 73161** Thirteen Planets: The Latest View of the Solar System by David A. Aguilar

Updates Eleven Planets (DB 68324), which was written after the demotion of Pluto to dwarf-planet status. Discusses the idea that there are eight classical and five dwarf planets. Also covers the Sun, the moon, the asteroid belt, meteorites, comets, orbits, and other solar systems. Digital. For grades 3-6. 2011.

**DB 66970; LP 24208** George's Secret Key to the Universe by Lucy Hawking

George enters the modern world of technology when he meets his new neighbor Annie and her scientist father Eric, whose supercomputer Cosmos can whisk these explorers anywhere in the universe. When a rival scientist sends Eric to a black hole, George must save him. Digital. Large Print. For grades 4-7. 2007.

**DB 68673** One Small Step by Philip Kerr

Houston, 1969. Thirteen-year-old Scott MacLeod loves secretly learning to fly airplanes from his pilot-instructor father. When NASA wants to recruit Scott for a test flight to the Moon that is planned for chimpanzees, Scott figures it will be a great adventure. Digital. For grades 5-8. 2008.

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**DB024747** Farmer in the Sky by Robert A. Heinlein

Bill and his dad join other emigrants going to Ganymede, one of Jupiter's moons, to raise food for Earth's diminishing supply. Digital download only. For junior and high school readers. 1950.

### **Grades 9 – 12**

**BR 11825** 1001 Things Everyone Should Know about the Universe by William Gutsch

Facts and comments about the solar system, including chapters on the sun, the moon, stars, black holes, and the search for extraterrestrial life. For senior high and older readers. Braille. 1998.

**BR 14679** Have Space Suit, Will Travel by Robert A. Heinlein

High school senior Kip Russell longs to go to the moon but is kidnapped by space pirates. He meets other prisoners on a flying saucer--an eleven-year-old girl named Peewee and a strange creature they call the Mother Thing. Braille. For junior and senior high readers. 1958.

**DB 47145** The Billion Dollar Boy: A Jupiter Novel by Charles Sheffield

Bored and spoiled fifteen-year-old Shelby Cheever leaves his pampered existence on Earth for the disciplined rigors of survival in outer space. Shelby takes a cruise trip to the asteroid mines. But when he accidentally boards a ship to open space, his real adventures begin. Digital download only. For senior high and older readers. 1997.

**BR 18228; DB 65047** Life as We Knew It [#1, Life as We Knew It Series] by Susan Beth Pfeffer

Sixteen-year-old Miranda keeps a journal describing her family's struggle to survive after an asteroid hits the Moon and causes disastrous climate change on Earth. She records her feelings about losing contact with friends and the outside world, locating food, and keeping hope alive. Braille. Digital download only. For junior and senior high readers. 2006.

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**BR 14438; DB 62183** The Hitchhiker's Guide to the Galaxy (#1, Hitchhiker's Guide to the Galaxy) by Douglas Adams

When Earth is demolished to make room for a galactic freeway, sole survivor Arthur Dent is forced to take up a life of hitchhiking around the cosmos with the aid of his alien friend, Ford Prefect, and a book called the Hitchhiker's Guide to the Galaxy. Braille. Digital. For senior high and older readers. 1980.

[Note: Digital book includes the entire series]

**DB 60854** Man Plus by Frederik Pohl

In a future plagued by near certainty of thermonuclear war, the United States races to turn astronaut Roger Torraway into a cyborg able to survive on Mars. Some strong language. Digital download only. For senior high and older readers. Nebula Award. 1976.

**DB022934** Ender's Game by Orson Scott Card

In a future Earth engaged in an interstellar war against insectoid aliens, Ender Wiggin is chosen at the age of six to be trained as the military genius who will carry his people to victory. Along with his brother Peter and his sister Valentine, he not only brings the conflict to an end, but also affects the evolution of human society. Digital download only. For senior high and older readers. Strong language. 1985.